

Title (en)
METAL PRODUCT WITH EXCELLENT MOLDABILITY SURFACE-TREATED WITH ALKALI-SOLUBLE LUBRICANT

Title (de)
METALLPRODUKT MIT HERVORRAGENDER FORMBARKEIT, DAS MIT ALKALILÖSLICHEM SCHMIERMITTEL OBERFLÄCHENBEHANDELT IST

Title (fr)
PRODUIT METALLIQUE POSSEDANT DES CARACTERISTIQUES EXCELLENTEES DE MOULAGE DE SA SURFACE TRAITEE PAR UN LUBRIFIANT SOLUBLE DANS UN MILIEU ALCALIN

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Application
EP 01982832 A 20011116

Priority
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Abstract (en)
A surface-lubricated metal product, with excellent shapability, comprising a metal having coated on both surfaces, or one surface, thereof an alkali-soluble lubricating film mainly comprising an alkali-soluble polyurethane aqueous composition containing a carboxyl group or a sulfonic acid group within the molecule, and a lubricating function-imparting agent in an amount of 1 to 30 mass% based on the alkali-soluble polyurethane aqueous composition, the film being coated to have a film thickness of 0.5 to 10 μm and the elastic modulus of the film after coating being 0.5 to 20 GPa at 25 DEG C. <IMAGE>

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IPC 8 full level
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